01-11-2007 08:4	13AM FROM-Gates	& Cooper LLP	•	+13106418798	T-57	9 P.004/00!	5 F-061	1
JAN 11 2007		her ŵaan applicable	or <u>Fax</u>	P.O. Box 1450 Alexandria, Virg (571)-273-2885	r Patents ;inia 22313-1			
INSTRUCTIONS This continue to the second to	form should be used i correspondence includir d below or directed of ions	or transmitting the ISSL g the Patent, advance or erwise in Block 1, by (a	E FEE and PUBLIC ders and notification) specifying a new o	CATION FEE (if required in the contest of maintenance fees correspondence address	nired). Blocks 1 will be mailed to; and/or (b) indi	through 5 show the current co- icating a separat	ild be com rresponden e "FEE Al	npleted where see address as DDRE\$\$" for
CURRENT CORRESPONDE	Notes: Use Bl	ock I for any change of address)		Note: A certificate of Fee(5) Transmittal, To papers, Each addition have its own certificat	is certificate car al paper, such as	nnot be used for a an assignment	any other a	recompanying
GATES & COOPER LLP HOWARD HUGHES CENTER 6701 CENTER DRIVE WEST, SUITE 1050				Ce I hereby certify that to States Postal Service addressed to the Ma transmitted to the USI	rtificate of Mail his Fee(s) Trans with sufficient p il Stop ISSUE PTO (371) 273-2	ling or Transmir mittal is being do ostage for first of PEE address ab 1885, on the dute	esion eposited wall in lass mail in ove, or be indicated in	ith the United n an envelope ing facsimile below.
LOS ANGELES		Barbara Se			(1	Depositor's name)		
				Darbara	11, 2007			(Signature) (Date)
				January				
APPLICATION NO.	FILING DATE		FIRST NAMED INVE	VTOR	ATTORNEY D		CONFIRMA	
10/537,644 TITLE OF INVENTION EPITAXY	06/06/2005 f: GROWTH OF RED	JCED DISLOCATION I	Benjamin A. Hask DENSITY NON-POI		30794.93 RIDE BY HYDI			37
APPLN. TYPE	SMALL ENTITY	issue fee due	PUBLICATION FEE	DUE PREV. PAID ISST	JE FEE TOTA	L FEE(S) DUE	DAT	TE DUE
nonprovisional	NO	\$1400	\$300	\$0		\$1700		1/2007
EXAM	INER	ART UNIT	ÇLASS-SUBCLAS	9		N2 00000033	500494	10537644
COLEMAN,	COLEMAN, WILLIAM D 2823		438-481000	—J ⊍1 ⊁C ⊖c Fc		1400.60 DA		
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			2. For printing on the patent front-page-list-01 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively. (2) the name of a single firm (having as a member a registored attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.					r LLP
3. ASSIGNEE NAME A PLEASE NOTE: Uni recordation as set fort (A) NAME OF ASSIGNATION	ND RESIDENCE DAT less an assignce is ident h in 37 CFR 3.11. Com	A TO BE PRINTED ON diffied below, no assignee pletion of this form is NO assignee.	data will appear on T a substitute for fili	or type) the patent. If an assigng an assignment. CITY and STATE OR		below, the doc	iment has	been filed for
of Califo	rnia		California	Corporation or ot	her private group	entity [Government	
4a. The following fee(s) are submitted: Size Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies			b. Payment of Fec(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 50-0494 (enclose an extra copy of this form).					
	s SMALL ENTITY stat	us. See 37 CFR 1.27.		no longer claiming SM/				
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if records of the United St	uired) will not be accepte	d from unyone other Office.	than the applicant; a re	gistered attorney	or agent; or the	assignee of	r other party in
Authorized Signature		15		Date	11/2001			<u></u>
Typed or printed num	e Céorge H.			Registration				
This collection of inform an application. Confiden submitting the complete this form and/or suggest Box 1450, Alexandria, \ Alexandria, Virginia 223	ation is required by 37 (tiality is governed by 33 d application form to the construction of the construct	CFR 1.311. The information of U.S.C. 122 and 37 CFR of USPTO. Time will vary raden, should be sent to the DNOT SEND FEES OR	on is required to obta 1.14. This collection of depending upon the Chief Information COMPLETED FORE	in or retain a benefit by is estimated to take 12 individual case. Any officer, U.S. Patent and MS TO THIS ADDRES	the public which in the public which in the comments on the d Trademark Off SS, SEND TO: C	h is to file (and b plete, including amount of time fice, U.S. Depart commissioner for	y the USP: gathering, you requirement of Co Patents, P	IO to process) preparing, and re to complete ommerce, P.O. P.O. Box 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Gates & Cooperus

Howard Hughes Center 6701 Center Drive West, Suite 1050 Los Angeles, California 90045

FAX TRANSMISSION TO USPTO

TO: Commissioner for Patents

FROM:

George H. Gates

Attn: Examiner William D. Coleman

OUR REF.:

G&C 30794.93-US-WO

Patent Examining Corps

TELEPHONE:

(310) 642-4146

Facsimile Center

Alexandria, VA 22313-1450

Total pages, including cover letter: 5

PTO FAX NUMBER: (571) 273-2885

If you do NOT receive all of the pages, please telephone us at (310) 641-8797, or fax us at (310) 641-8798.

Title of Document Transmitted:	TRANSMITTAL SHEETS AND ISSUE FEE TRANSMITTAL FORM PTOL-85 (W/1 COPY).
Applicants:	Benjamin A. Haskell et al.
Serial No.:	10/537,644
Filed:	June 6, 2005
Group Art Unit:	2823
Title:	GROWTH OF REDUCED DISLOCATION DENSITY NON-POLAR GALLIUM NITRIDE BY HYDRIDE VAPOR PHASE EPITAXY
Our Ref. No.:	G&C 30794.93-US-WO

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP.

Name: George H Gares

Reg. No.: 33,500

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Signature

January 11, 2007

Date

GHG/

G&C 30794.93-US-WO



Notice of Allow. Date: January 11, 2007

Confirmation No.: 5137 Due Date: January 11, 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Benjamin A. Haskell et al.

Examiner:

William D. Coleman

2823

Serial No.:

10/537,644

Group Art Unit:

Filed:

June 6, 2005 Docket: G&C 30794.93-US-WO

Title:

GROWTH OF REDUCED DISLOCATION DENSITY NON-POLAR GALLIUM NITRIDE BY

HYDRIDE VAPOR PHASE EPITAXY

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.Ş. Patent and Trademark Office on January 11, 2007.

MAIL STOP ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- ☐ Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.
- Publication Fee due.
- Charge the Publication Fee in the amount of \$300.00 to the Deposit Account.

 PTOL-85B Part B Issue Fee Transmittal (in duplicate).
- ☐ Charge the Issue Fee in the amount of \$1,400.00 to the Deposit Account.
- Advance Copies of Patent (11 copies).
- Charge the Fee for the Advance Copies of the Patent in the amount of \$33.00 to the Deposit Account.

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462

GATES & COOPER LLP

Howard Hughes Center 6701 Center Drive West, Suite 1050 Los Angeles, CA 90045 (310) 641-8797

Name: George H. Gates

Reg. No.: 33,500

GHG/